

Title (en)

MULTICELL RECOMBINANT LEAD-ACID BATTERY WITH VIBRATION RESISTANT INTERCELL CONNECTOR

Publication

**EP 0314318 A3 19890705 (EN)**

Application

**EP 88309223 A 19881004**

Priority

US 10673187 A 19871006

Abstract (en)

[origin: EP0314318A2] A multicell lead-acid battery (10) having a low profile, unitary combination cast-on-strap and intercell connector (26, 28, 30, 32, 34) configured relative to other components of the battery to be resistant to vibrational forces. A method for forming the connector features a heat sealing step to provide a tight mechanical fit.

IPC 1-7

**H01M 2/24**; **H01M 10/34**; **H01M 2/04**; **H01M 10/12**

IPC 8 full level

**H01M 10/06** (2006.01); **H01M 10/10** (2006.01); **H01M 10/12** (2006.01); **H01M 10/34** (2006.01); **H01M 50/529** (2021.01); **H01M 50/536** (2021.01); **H01M 50/541** (2021.01)

CPC (source: EP KR US)

**H01M 10/342** (2013.01 - EP KR US); **H01M 50/529** (2021.01 - EP KR US); **H01M 50/536** (2021.01 - EP US); **H01M 50/541** (2021.01 - EP KR US); **H01M 2220/20** (2013.01 - KR); **Y02E 60/10** (2013.01 - EP KR); **Y02P 70/50** (2015.11 - EP); **Y10T 29/4911** (2015.01 - EP US)

Citation (search report)

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AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

**EP 0314318 A2 19890503**; **EP 0314318 A3 19890705**; **EP 0314318 B1 19950315**; AT E120037 T1 19950415; AU 2288788 A 19890713; AU 594891 B2 19900315; BR 8805126 A 19890516; CA 1309457 C 19921027; DE 3853334 D1 19950420; DE 3853334 T2 19950727; ES 2070130 T3 19950601; JP H01243380 A 19890928; JP H0654678 B2 19940720; KR 890007448 A 19890619; KR 920008406 B1 19920928; MX 165900 B 19921209; US 4780379 A 19881025

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**EP 88309223 A 19881004**; AT 88309223 T 19881004; AU 2288788 A 19880928; BR 8805126 A 19881005; CA 579353 A 19881005; DE 3853334 T 19881004; ES 88309223 T 19881004; JP 25172088 A 19881005; KR 880013009 A 19881005; MX 1329688 A 19881005; US 10673187 A 19871006